

Appl. No. 09/885,849
Amdt. dated June 29, 2004
Reply to Office Action of Mar. 29, 2004

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Amendments to the Claims

This listing of claims will replace all prior versions,
and listings, of claims in the application:

Listing of Claims

- 1
2 1 (original). A method for adjusting functions of an electronic device based on
3 location of the electronic device, the method comprising the steps of:
4 determining a current location of the electronic device;
5 determining a current sector associated with said current location;
6 evaluating said current sector to determine if one or more zone is associated
7 with said current sector; and
8 executing an action to adjust a function of the electronic device if determined
9 that at least one said zone is associated with said current sector and said
10 current location is within at least one said zone.
- 1 2 (original). The method as claimed in claim 1, wherein the step of evaluating
2 comprises a step of defining parameters for at least one said zone.
- 1 3 (original). The method as claimed in claim 2, wherein the step of defining said
2 parameters for at least one said zone comprises a step of associating said zone to one
3 or more sectors.
- 1 4 (original). The method as claimed in claim 3, wherein the step of defining said
2 parameters for at least one said zone comprises a step of retrieving said parameters
3 from an external database.
- 1 5 (original). The method as claimed in claim 3, wherein the step of defining said
2 parameters for at least one said zone comprises a step of receiving said parameters in
3 a said electronic device from a user of said electronic device.
- 1 6 (original). The method as claimed in claim 1, wherein the step of executing said
2 action comprises the step of turning off one or more transmitting functions of the
3 electronic device.

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1 7 (original). The method as claimed in claim 6, wherein the step of turning off the
2 said transmitting functions of the electronic device comprises the step of turning off
3 the said transmitting functions after a delay.

1 8 (original). The method as claimed in claim 1, wherein the step of executing said
2 action comprises the step of changing profile setting of the electronic device to
3 provide visual alert or vibrate alert without audio alert.

1 9 (original). The method as claimed in claim 1, wherein the step of executing said
2 action comprises the step of increasing volume of an audio alert and volume of a
3 speaker.

1 10 (original). The method as claimed in claim 1, wherein the step of executing
2 comprises the step of changing operation of all functions to preset default modes if
3 determined that said current location is not within at least one said zone.

1 11 (original). An electronic device operated in a wireless communication system, the
2 electronic device comprising:

3 a processor for determining a current position of the electronic device; said
4 processor further determining a current sector associated with said current
5 location; said processor further evaluating said current sector to determine if
6 one or more zone is associated with said current sector and executing an
7 action to adjust a function of the electronic device if determined that at least
8 one said zone is associated with said current sector and said current location
9 is within at least one said zone.

1 12 (original). The electronic device as claimed in claim 11, further comprises:

2 a database coupled to said processor;

3 said processor further for defining parameters for at least one said zone and
4 storing parameters in said database.

1 13 (original). The electronic device as claimed in claim 12, wherein said processor
2 further for associating said zone to one or more sectors.

1 14 (original). The electronic device as claimed in claim 12, wherein said processor for
2 retrieving said parameters from an external database.

1 15 (currently amended). The electronic device as claimed in claim 12, further
2 comprises:

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3 an input device coupled to said processor; said input device for allowing user to
4 define said parameters for at least one said zone; and
5 said processor further for storing said parameters received from the user through
6 said input device into said memory database.

1 16 (currently amended). The electronic device as claimed in claim 11, wherein said
2 action comprises a change to silent profile action, a change to default profile action, a
3 change to theater profile action, a change to hospital profile action and or a change to
4 stadium action.

1 17 (original). In a wireless communication system in which an electronic device is
2 receiving location information from at least one satellite, a method for adjusting
3 functions of the electronic device, comprising the acts of:

4 determining a current location of the electronic device using the location
5 information;
6 evaluating said current location to determine if said current location is within at
7 least one pre-defined zone; and
8 executing an action to adjust one or more functions of the electronic device if
9 determined that said current location is within said at least one pre-defined
10 zone.

1 18 (original). The method of claim 17, wherein the act of executing said action
2 comprises the act of turning off one or more transmitting functions of the electronic
3 device.

1 19 (original). The method of claim 17, wherein the act of evaluating said current
2 location comprises the act of defining parameters for at least one said zone and
3 storing said parameters in a database.

1 20 (original). The method of claim 17, wherein said act of executing comprises the
2 act of changing operation of all functions to preset default modes if determined that
3 said current location is not within said at least one pre-defined zone.